

312 841

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 5/17/99 pre:A. ☒ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

____ Color drawing are not acceptable until petition is granted.

Fig.(s) _____

____ Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

____ Photographs are not acceptable until petition is granted,

____ 3 full-tone sets are required. Fig(s) _____

____ Photographs not properly mounted (must brystol board or photographic double-weight paper). Fig(s) _____

____ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

____ Paper not flexible, strong, white and durable.

Fig.(s) _____

____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)

____ Mylar, vellum paper is not acceptable (too thin).

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:

____ 21.0 cm by 29.7 cm (DIN size A4)

____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)

____ All drawings sheets not the same size.

Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: A4 SizeTop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: 8 1/2 x 11

____ Margins not acceptable. Fig(s) _____

____ Top (T) _____ Left (L)

____ Right (R) _____ Bottom (B)

6. VIEWS. CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

____ Views connected by projection lines or lead lines.

Fig.(s) _____

Partial views. 37 CFR 1.84(h)(2)

____ Brackets needed to show figure as one entity.

Fig.(s) _____

____ Views not labeled separately or properly.

Fig.(s) _____

____ Enlarged view not labeled separately or properly.

Fig.(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

____ Hatching not indicated for sectional portions of an object.

Fig.(s) _____

____ Sectional designation should be noted with Arabic or

Roman numbers. Fig.(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____

____ Views not on the same plane on drawing sheet. Fig.(s) _____

9. SCALE. 37 CFR 1.84(k)

____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig.(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

____ Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).

Fig.(s) _____

11. SHADING. 37 CFR 1.84(m)

____ Solid black areas pale. Fig.(s) _____

____ Solid black shading not permitted. Fig.(s) _____

____ Shade lines, pale, rough and blurred. Fig.(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.48(p)

____ Numbers and reference characters not plain and legible.

Fig.(s) _____

____ Figure legends are poor. Fig.(s) _____

____ Numbers and reference characters not oriented in the same

direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____

____ English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____

____ Numbers, letters and reference characters must be at least

.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

____ Lead lines cross each other. Fig.(s) _____

____ Lead lines missing. Fig.(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)

____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

____ Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

____ Surface shading shown not appropriate. Fig.(s) _____

____ Solid black shading not used for color contrast.

Fig.(s) _____

COMMENTS

REVIEWER JRCDATE 6/24/99TELEPHONE NO. 703 305 0891ATTACHMENT TO PAPER NO. 4

PTO COPY